

IT IS FURTHER ORDERED that proposed measure OP-8, Ordering/Provisioning Expedites & Escalations, shall be considered as part of the consolidated proceeding on electronic interfaces.

DATED this _____ of September, 1997.


JERRY L. RUDIBAUGH
CHIEF ARBITRATOR

Copies of the foregoing mailed/delivered
this _____ day of September, 1997 to:

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EXHIBIT A

I. PRE-ORDER:

PO-1 Obtain Pre-Information

II. ORDER/PROVISIONING:

OP-1 Requested Service Order Standard Due Date Met

OP-2 Provisioning Accuracy

OP-3 Order Status Updates

OP-4 New Service Trouble

OP-5 Held Order Time

OP-6 Coordinated Unbundled Loop Provisioning and INP Order Fulfillment

OP-7 Timing of Provisioning Loops

III. MAINTENANCE/REPAIR:

MR-1 Time to Restore

MR-3 Repeat Troubles

MR-4 Failure Frequency

MR-5 Restoration Accuracy

IV. GENERAL PROCESS:

GP-1 Appointments Missed

GP-2 Work Center (Single Point of Contact) Availability

GP-3 Support Systems Availability

V. BILLING:

B-1 Timeliness of Billing - Wholesale Bills

B-2 Accuracy of Billing - Wholesale Bills

B-5 Billing Records Transfer Accuracy - Customer Usage

B-6 Timeliness of Billing Records Delivered - Customer Usage

B-8 Billing Inquiry Responsiveness

VI. OPERATOR SERVICES:

OS-1 Monthly Mean Time to Answer and % Within Standard Interval

OS-2 Monthly Total of Quarter Hours of Operator Answer Delay

OS-3 Monthly Call Abandonment (Hang-Up)

OS-4 Monthly Call Blockage

OS-5 Monthly Average Work Time

VII. DIRECTORY ASSISTANCE:

DA-1 Voice DA System Availability

DA-2 Voice DA Outage/Restoral Notification

1 DA-3 Voice DA Time to Answer
2 DA-4 Voice DA Average Work Time
3 DA-5 Voice DA Abandonment From Queue

4 **VIII. NETWORK PERFORMANCE:**

5 NP-1 Network Reliability
6 NP-2 Network Incidents
7 NP-3 Network NXX Isolation Duration
8 NP-4 Switched Service Disruptions
9 NP-5 Dedicated Service Disruptions
10 NP-6 Blocked Calls
11 NP-7 Blocked Dial Tone
12 NP-8 Post Dial Delay
13 NP-10 Interconnection Trunk Grade of Service
14 NP-11 Common Transport Grade of Service

15 **IX. INTERCONNECTION/UNBUNDLED ELEMENTS/COMBINATIONS**
16 **PERFORMANCE:**

17 IUE-1 Local Loop Availability
18 IUE-2 Database Accuracy
19 IUE-4 Loop Combination Availability
20 IUE-5 Collocation
21 IUE-6 Dedicated Transport
22 IUE-7 Common Transport
23 IUE-10 Unbundled Element Quality

24 **X. NXX CODE OPENING:**

25 CO-1 NXX Update Accuracy

26 **XII. EMERGENCY SERVICE (911):**

27 ES-2 Obtaining 911 Tandems in Each Serving LATA
28 ES-3 E-911 Trunk Ordering Provisioning Interval
29 ES-4 Database Accuracy
30 ES-5 Database Update Timeliness

ATTACHMENT 6

RECEIVED JUL 1 1997



June 30, 1997

Promenade I
1200 Peachtree Street, N.E.
Atlanta, GA 30309

Terrie Hudson
1960 W. Exchange Place
Suite 410
Tucker, GA 30083

Dear Terrie:

Pursuant to the Interconnection Agreement we have a mutual obligation to establish jointly agreed intervals for provisioning Unbundled Network Elements. AT&T received the BellSouth Recommended UNE Provisioning Target installation intervals from the CLEC Ordering Guide, and finds them to be unacceptable. Attached is a copy of the BellSouth UNE Target matrix, noted with AT&T's desired intervals. Items marked with a "UI" notation are under investigation. BellSouth will receive an updated version of the attachment with the "UI" intervals defined by July 9, 1997.

Last week preliminary discussions occurred regarding the audit plan to demonstrate BellSouth provisioning performance parity. AT&T does not accept Statistical Process Control charts as an audit approach, but does agree that any audit methodology should be statistically valid. AT&T is prepared to participate in the work session targeted for July 9, and is depending on BellSouth to make available the workcenter resources to ensure that work session is fruitful.

Per Pam's letter to you dated June 23, 1997 ~~we requested the results of the AT&T ordering provisioning for the month of May 1997, by Friday June 27, 1997.~~ Since AT&T was providing it's local customers in Georgia with BellSouth resold services in the month of May, BellSouth has an obligation to provide monthly reports at the state level per Attachment 12 and Section 12. We understand that the results may have to be produced manually initially, but still require good faith effort to comply with our agreement. ~~Please respond by July 2, 1997 with your current action plan and expected delivery date for the May 1997 performance data.~~

Sincerely,

A handwritten signature in cursive script that reads "Becky Bennett".

Becky Bennett
Manager - Vendor Compliance

Cc: Margaret Garvin
Gary Romanick
Milford Stanley
Pam Nelson

BellSouth Telecommunications, Inc. 404 927-7140
Suite 4423 Fax 404 523-0346
675 West Peachtree Street, N.E.
Atlanta, Georgia 30375

Joseph M. Baker
Vice President - Sales
Interconnection Services

SN91081198

June 1, 1997

To: All Competitive Local Exchange Carriers

BellSouth is pleased to provide you initial target intervals for the provisioning of Unbundled Network Elements (UNEs). This attached list replaces any other information you may have received from BellSouth on this subject.

Your company can use these target intervals when placing firm service order requests or for general planning purposes. BellSouth will make every effort to accommodate service requests utilizing these intervals. As with all service provisioning requests, these target intervals assume normal working conditions including safety, load, weather, and availability of equipment and facilities. Final due date commitments will be provided via the Firm Order Confirmation (FOC) process for each individual order.

BellSouth hopes that this list will meet your product and planning needs to facilitate your conducting business. Please address any questions and concerns you may have on this subject through your account team representative.

Sincerely,



J. M. Baker

Attachment

Recommended UNE Provisioning Targets

Hand notations - AT+T desired intervals

	Quantity	Targeted Installation Interval (in business days)	
UNBUNDLED LOOPS			
2 Wire analog voice grade loop	1 - 5	5	1
	6 - 14	2	1
	15 +	ICB	3
4 Wire analog voice grade loop	1 - 5	5	1
	6 - 14	2	1
	15 +	ICB	3
4 Wire DS1 & PRI digital loop	1 - 5	5	1
	6 - 14	2	1
	15 +	ICB	3
2 Wire ISDN digital loop	1 - 5	5	1
	6 - 14	5	1
	15 +	ICB	3
ADSL - 2 Wire asymmetrical digital subscriber line loop	1 - 14	30	—
	15 +	ICB	—
HDSL - 2 wire & 4 wire high bit rate digital subscriber line loop	1 - 14	30	3
	15 +	ICB	—
LOOP CONCENTRATION (Inside Plant)			
Loop channelization system	1	90	14
Central Office Channel Interfaces 2Wire voice	1	30	14
Central Office Channel Interfaces 4 Wire voice	1	30	14
SUB LOOPS (Outside Plant)			
Loop Feeder	1	30	3
Loop Concentration (dependent on equipment and right of way)	1	30-90	3
NETWORK INTERFACE DEVICE (NID)			
NID TO NID Cross Connect 2 wire	1 - 14	5	3
	15 +	ICB	—
NID To NID Cross Connect 4 wire	1 - 14	5	3
	15 +	ICB	—
NID Spare Capacity	1 - 14	5	3
	15 +	ICB	—
OPEN AIN (OAIN)			
OAIN tool kit	1	45	30
OAIN service management system	1	45	30
CCS7 SIGNALING TRANSPORT SERVICE			
A-Link Signaling	1	60	30
D-Link Signaling	1	60	30
STP - Signaling Transfer Point	1	60	30

5/23/97

Proprietary: Not for disclosure outside of BellSouth except under written agreement.

Recommended UNE Provisioning Targets

	Quantity	Targeted Installation Interval (In business days)	
UNBUNDLED INTEROFFICE TRANSPORT			
Interoffice Transport Analog line grade	1	30 1	
Interoffice Transport DSO	1	30 3	
Interoffice Transport DS1	1	30 3	
Interoffice Transport DS3	1	30 5	
O/S AND DA UNES			
Operator Call Processing - OPCH, FACH, BLV, EI, ECT	1	30	} → U
Operator Call Processing - Facility Based OPCH, FACH, ECT	1	30	
Operator Call Processing - Facility Based BLV, EI	1	30	
Directory Assistance Access Service (DAAS)	1	30	
Directory Assistance Call Completion (DACC)	1	30	
Directory Assistance Number Services Intercept (DANSI)	1	30	
Directory Assistance Transport	1	30	
Directory Assistance Database Service (DADS)	1	30	
Direct Access to DA service (DADAS)	1	30	
DIGITAL CROSS CONNECT			
DCS 1/0	1	7	} → U
DCS 3/1	1	7	
DCS 3/0	1	7	
CUSTOMIZED CALL ROUTING (Selective Routing - LCC)			
1 - 5 LCC	1 - 5	30	} → U
6 - 25 LCC	6 - 25	60	
> 25 LCC	25 +	ICB	
UNBUNDLED LOCAL SWITCHING			
2 Wire analog line port	1 - 10	5 48 Hours	} → U
	11 - 25	5 48 Hours	
	25 +	ICB	
Hunting	1	5 48 Hours	} → U
2 Wire analog DID trunk port	1 - 10	5 48 Hours	
	11 - 25	5 48 Hours	
	25 +	ICB	} → U
2 Wire ISDN digital line side port	1 - 10	5 48 Hours	
	11 - 25	6	
	25 +	ICB	} → U
4 Wire ISDN OSI digital trunk port	1 - 10	5 48 Hours	
	11 - 25	6	
	25 +	ICB	} → U
Switching functionality	1	5 48 Hours	
Unbundled Local Usage (entire local calling area)	1	5 48 Hours	

5/23/97

Proprietary: Not for disclosure outside of BellSouth except under written agreement.

Recommended UNE Provisioning Targets

	Quantity	Targeted Installation Interval (in business days)	
UNBUNDLED ACCESS TO OSS			
Preorder	1	30	}
Order/Provisioning	1	30	
Maintenance/repair	1	30	
ACCESS TO DATABASES			
800 Database	1	7	}
Line Information Database (LIDB)	1	30	
NUMBER PORTABILITY			
RCF - Remote Call Forwarding	1 - 25	2	OK
	26 - 50	3	OK
	51 +	ICB	
DID - Direct Inward Dial			
Initial request - trunk group to be established	Initial	30	}
Subsequent request - trunk group in place	1 - 100	5	
	100+	ICB	

NOTES:

1. The assigned provisioning date assumes the availability of facilities and equipment.
2. ICB means Individual Case Basis. Contact your Account Manager to determine the appropriate interval.

5/23/97

Proprietary: Not for disclosure outside of BellSouth except under written agreement.

ATTACHMENT 7

RECEIVED JUL 10 1997



July 9, 1997

Promenade I
1200 Peachtree Street, N.E.
Atlanta, GA 30309

Terrie Hudson
1960 W. Exchange Place
Suite 410
Tucker, GA 30083

Dear Terrie:

Pursuant to my letter of June 30, 1997, ^{#59} attached is the document listing the BellSouth proposed UNE target intervals, with the desired AT&T UNE intervals noted for each network element. The items which were marked "UI" in the June 30, 1997 letter now have the AT&T desired intervals specified. Those items are noted in bold italics.

Pursuant to our Interconnection Agreement we have a mutual obligation to establish jointly agreed intervals for provisioning Unbundled Network Elements. At this time there is clearly a gap between the proposed BellSouth UNE provisioning intervals and those desired by AT&T. In the interest of closing that gap, it is essential that we get the relevant Subject Matter Experts from our two companies together for a working session to negotiate closure on this item. I will coordinate this activity for AT&T, and appreciate ~~your contacting me by July 15, 1997 with the lead contact for BellSouth~~. We need to address this item expeditiously. Your support and attention are appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Becky Bennett".

Becky Bennett
Manager - Vendor Compliance

Cc: Margaret Garvin
Gary Romanick
Milford Stanley
Robert Oakes
Pam Nelson

BellSouth Proposed UNE Intervals with AT&T Desired UNE Intervals

Element	Quantity	BST Interval (Business Days)	AT&T Interval (Business Days)
Combinations			
Loop/Port/NID Combination	1 - 5		24 HRS
	6 - 14		24 HRS
	15 +		24 HRS
Footprint Infrastructure			Notification of Footprint Receipt within 24 HRS; Notification of LSO Readiness within 5 Business Days
Unbundled Loops			
2 Wire Analog Voice Grade Loop	1 - 5	5	1
	6 - 14	7	1
	15 +	ICB	3
4 Wire Analog Voice Grade Loop	1 - 5	5	1
	6 - 14	7	1
	15 +	ICB	3
4 Wire DS1 & PRI Digital Loop	1 - 5	5	1
	6 - 14	7	1
	15 +	ICB	3
2 Wire ISDN Digital Loop	1 - 5	5	1
	6 - 14	7	1
	15 +	ICB	3
ADSL - 2 Wire Asymmetrical Digital Subscriber Line Loop	1 - 14	30	3
	15 +	ICB	3
HDSL - 2 Wire & 4 Wire High Bit Rate Digital Subscriber Line Loop	1 - 14	30	3
	15 +	ICB	3
Loop Concentration (Inside Plant)			
Loop channelization system	1	90	14
Central Office Channel Interfaces 2 wire voice	1	30	14
Central Office Channel Interfaces 4 wire voice	1	30	14
Sub Loops (Outside Plant)			
Loop Feeder	1	30	3
Loop Concentration (dependent on	1	30 - 90	3

BellSouth Proposed UNE Intervals with AT&T Desired UNE Intervals

Element	Quantity	BST Interval (Business Days)	AT&T Interval (Business Days)
equipment and right of way)			

Network Interface Device (NID)			
NID to NID Cross Connect 2 wire	1 - 14	5	3
	15 +	ICB	3
NID to NID Cross Connect 4 Wire	1 - 14	5	3
	15 +	ICB	3
NID Spare Capacity	1 - 14	5	3
	15 +	ICB	3
Open AIN (OAIN)			
OAIN Tool Kit	1	45	30
OAIN Service Management System	1	45	30
CCS7 Signaling Transport Service			
A-Link Signaling	1	60	30
D-Link Signaling	1	60	30
STP - Signaling Transfer Point	1	60	30
Unbundled Interoffice Transport			
Interoffice Transport Analog Line Grade	1	30	1
Interoffice Transport DS0	1	30	3
Interoffice Transport DS1	1	30	3
Interoffice Transport DS3	1	30	5
O/S And DA UNEs			
Operator Call Processing - OPCH, FACH, BLV, EI, ECT	1	30	3
Operator Call Processing - Facility Based OPCH, FACH, ECT	1	30	3
Operating Call Processing - Facility Based BLV, EI	1	30	3
Directory Assistance Access Service (DAAS)	1	30	3
Directory Assistance Call Completion (DACC)	1	30	3
Directory Assistance Number Services Intercept (DANSI)	1	30	3
Directory Assistance Transport	1	30	3
Directory Assistance Database Service (DADS)	1	30	3
Direct Access To DA Service (DADAS)	1	30	3
Digital Cross Connect			

BellSouth Proposed UNE Intervals with AT&T Desired UNE Intervals

Element	Quantity	BST Interval (Business Days)	AT&T Interval (Business Days)
DCS 1/0	1	7	3
DCS 3/1	1	7	3
DCS 3/0	1	7	3
Customized Call Routing (Selective Routing - LCC)			
1 - 5 LCC	1 - 5	30	3
6 - 25 LCC	6 - 25	60	3
> 25 LCC	25 +	ICB	3
Unbundled Local Switching			
2 Wire Analog Line Port	1 - 10	3	48 HRS
	11 - 25	4	48 HRS
	25 +	ICB	3
Hunting	1	5	48 HRS
2 Wire Analog DID Trunk Port	1 - 10	5	48 HRS
	11 - 25	6	48 HRS
	25 +	ICB	3
2 Wire ISDN Digital Line Side Port	1 - 10	5	48 HRS
	11 - 25	6	3
	25 +	ICB	3
4 Wire ISDN DS1 Digital Trunk Port	1 - 10	5	48 HRS
	11 - 25	6	3
	25 +	ICB	3
Switching Functionality	1	5	48 HRS
Unbundled Local Usage (entire local calling area)	1	5	48 HRS
Unbundled Access to OSS			
Preordering	1	30	3
Ordering/Provisioning	1	30	3
Maintenance/Repair	1	30	3
Access To Databases			
800 Database	1	7	3
Line Information Database (LIDB)	1	30	3
Number Portability			
RCF - Remote Call Forwarding	1 - 25	2	2
	26 - 50	3	3
	51 +	ICB	3

BellSouth Proposed UNE Intervals with AT&T Desired UNE Intervals

Element	Quantity	BST Interval (Business Days)	AT&T Interval (Business Days)
DID - Direct Inward Dial			
Initial Request - Trunk Group To Be Established	Initial	30	3
Subsequent Request - Trunk Group In Place	1 - 100	5	3
	100 +	ICB	3

BellSouth Notes:

The assigned provisioning date assumes the availability of facilities and equipment.

ICB means Individual Case Basis. Contact your Account Manager to determine the appropriate interval.

ATTACHMENT 8

RECEIVED 856 8 1997



August 5, 1997

Gary Romanick
1960 W. Exchange Place
Suite 410
Tucker, GA 30083

Dear Gary,

This letter is to address the pending contract item from the Interconnect Agreement, Attachment 12, Section 2.1, regarding UNE intervals. In the matter of UNE intervals, AT&T and BellSouth have a joint obligation to reach mutual agreement on UNE intervals per Attachment 12 by July 1, 1997. In our July 16, 1997 work session, Gary Hall of BellSouth stated that BellSouth Subject Matter Experts (SMEs) unilaterally developed UNE installation intervals based on the assumption that UNE elements would be ordered for utilization with a CLEC's own switch. Additionally, Gary indicated that BellSouth SMEs assumed that component parts would always involve design work with no distinction for work involving dispatch from work which only requires central office or billing database changes. In our conversation yesterday, you indicated that BellSouth will not revisit or change the UNE intervals until BellSouth has a "sufficient volume of orders" from all carriers to analyze actual intervals.

Even in the absence of actual order volumes, it is quite reasonable to develop assumptions to derive interval estimates. Moreover, our agreement contemplates this being a joint effort, not a unilateral one. Therefore I propose BellSouth and AT&T jointly revisit the foundational assumptions, their impact on those estimates, and consider alternative assumptions. Waiting until BellSouth has a "sufficient" volume of orders is unacceptable, especially given BellSouth's inability to quantify what this means in terms of when BellSouth would reconsider its UNE intervals. By August 11, 1997, please provide one or more meeting dates when you would be prepared to have your SMEs participate in a working session to develop mutually agreeable UNE intervals, based on jointly defined assumptions.

Becky Bennett
for: Becky Bennett
Manager - Vendor Compliance

Cc: Margaret Garvin
Pam Nelson
Milford Stanley
Robert Oakes

ATTACHMENT 9



Rebecca Bennett

Room 1079
1200 Peachtree St.
Atlanta, GA 30309

September 8, 1997

Gary Romanick
1960 W. Exchange Place
Suite 410
Tucker, GA 30084

Dear Gary,

This letter is written to provide a proposal for the Service Orders Provisioned As Requested measure, to respond to your letter of August 27, 1997, and to restate AT&T's position on Section 1.2 of Attachment 12 of the Interconnection Agreement. Attached is a proposal for BellSouth consideration for developing the Service Order Accuracy measure described in Section 2.6 of Attachment 12. Please review the proposal, and contact me by September 11, 1997 to set up a working session of our respective subject matter experts to discuss details of the proposal.

In your letter of August 27, 1997, you requested specific account numbers that were used in our calculations. The point of my letter of August 21, 1997 was to identify a BellSouth performance problem, and request your attention in resolving the problem. BellSouth is capable of reviewing the AT&T referrals for May and June, and checking to determine service restorals occurred without AT&T receiving notice. Additionally, only BellSouth can determine the root cause for this problem, and develop a plan for improving the performance. Your attention to the BellSouth maintenance performance for AT&T customers is requested. Please advise of your action plan by September 12, 1997.

Finally, this is to affirm what I told you verbally on August 28, 1997. AT&T understands that BellSouth is working to provide output report information, and has accepted that the format which will be used for the September delivery of results will be unilaterally defined by BellSouth. That acceptance is predicated on the practical decision that AT&T would rather receive measurement results as soon as possible in the BellSouth proposed format, than to delay receiving data any further pending mutual agreement on format. That does not mean that AT&T in any fashion considers the reports to be delivered in September to have a mutually agreed upon format. AT&T expects to conduct subsequent joint working sessions as needed to mutually agree on the format of each report, and to discuss the implementation schedule for any required changes as a result of that mutual agreement.

Becky Bennett
Becky Bennett

Cc: Margaret Garvin
Jan Burris
Pam Nelson

AT&T Proposal for BellSouth Measurement of Service Order Accuracy
9/8/97

Measurement Approach

Measure of AT&T order accuracy: For each order (or a mutually agreed to representative sample of orders) completed during the reporting month, compare the Local Service Request (version 1 or supplement) that AT&T provided to BellSouth against services and features as reflected on the FOC. An order is "completed without error" if all key service attributes match FOC detail on the corresponding LSR order. If 100 % of the universe is unable to be measured, a sample would be taken for each measurement month, with order samples taken from each business day and across the working days of the report month.

Measure of BellSouth order accuracy: BellSouth would also compare each order (or a mutually agreed representative sample of BellSouth orders) completed during the reporting month against services and features as reflected on the Customer Service Record. An order is "completed without error" if all key service attributes match FOC detail on the corresponding CSR. If 100 % of the universe is unable to be measured, a sample would be taken for each measurement month, with order samples taken from each business day and across the working days of the report month.

Service Groupings

Report output results (and sampling size if less than 100%) to be established for each of the following service groupings;

- POTS Business
- POTS Residence
- UNE platform (at least DS0 loop + local switch - transport elements)
- UNE Channelized DS1 (DS1 loop + multiplexing)
- Unbundled DS0 loop
- Unbundled DS1 loop
- Specials - Design only
- Local Interconnect Trunking

Order activities to be included in the sample base for each month would include installations (new and migration orders), feature changes, and service disconnects.

Measurement Formula

Order accuracy	$\frac{\text{\# of orders completed without error}}{\text{Total \# of orders completed}} \times 100$
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Extract Criteria

Base to be selected from all orders completed in reporting month, with orders totaled in service groupings as defined above. Sample size proposed to be established based on universe established from three month order average in each service grouping. AT&T and BellSouth to mutually agree on sample size necessary to achieve 95% confidence level. Only canceled orders are to be excluded from extract universe. Manually handled orders would be included in the study base.

Reporting to be provided

- report month
- total orders completed in each service category (AT&T and BellSouth shown separately)
- Orders sampled in each service category (AT&T and BellSouth shown separately)
- Order types studied in each service category for the reporting month (new install, migration, feature changes, disconnect) (AT&T and BellSouth shown separately)
- Number of orders completed without error in each category (AT&T and BellSouth shown separately)
- Percentage order accuracy in each service category (AT&T and BellSouth shown separately)

AT&T and BellSouth to mutually agree on and document the following prior to implementing the measure;

- extract criteria, arithmetic calculations, and all output values to be provided on the report
- medium of report delivery
- format (data field content and structure if electronic; layout, labeling and structure view if paper)
- report production schedule, delivery schedule
- methods for performing service order accuracy comparisons

ATTACHMENT 10

ATT Measurements
Attachment 12 Section 2
Firm Order Confirmation

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1																
2	Item 2.4 August Data															
3	DAY	LSR	<4HR	%<4HR	4-8HR	%4-8HRS	8-12HR	%8-12HR	12-16HR	%12-16HR	16-20HR	%16-20HR	20-24HR	%20-24HR	<24HR	%<24HR
4	01	50	3	6%	5	10%	1	2%							9	18%
5	04	65	25	38%	2	3%	1	2%	11	17%	4	6%	4	6%	47	72%
6	05	52	31	60%	2	4%	4	8%	1	2%	2	4%	1	2%	41	79%
7	06	128	75	59%							6	5%	14	11%	95	74%
8	07	100	40	40%					1	1%					41	41%
9	08	78	24	31%											24	31%
10	11	47	13	28%			1	2%	10	21%	5	11%	2	4%	31	66%
11	12	111	36	32%	16	14%	3	3%	5	5%	25	23%	4	4%	89	80%
12	13	107	37	35%	4	4%	4	4%	10	9%	16	15%	21	20%	92	86%
13	14	106	30	28%							4	4%	26	25%	60	57%
14	15	68	3	4%					2	3%	1	1%	14	21%	20	29%
15	16	8	4	50%			1	13%	1	13%					6	75%
16	19	174		0%	9	5%	4	2%	27	16%	21	12%	6	3%	67	39%
17	20	94	28	30%											28	30%
18	21	90	17	19%			6	7%	7	8%	29	32%	3	3%	62	69%
19	22	88	38	43%	11	13%			10	11%	3	3%	2	2%	64	73%
20	23	649	385	59%	18	3%					4	1%	19	3%	426	66%
21	24	16	5	31%					3	19%	3	19%			11	69%
22	25	169	74	44%	13	8%	1	1%	1	1%	41	24%	12	7%	142	84%
23	26	529	191	36%	66	12%	22	4%	15	3%			40	8%	334	63%
24	27	500	255	51%	2	0%			2	0%					259	52%
25	28	240	91	38%	10	4%			1	0%	1	0%			103	43%
26	29	595	326	55%	20	3%			8	1%			36	6%	390	66%
27	30	255	136	53%	3	1%	1	0%	6	2%			48	19%	194	76%
28	31	103	54	52%	3	3%			2	2%	16	16%	12	12%	87	84%
29	TOT	4422	1921	43%	184	4%	49	1%	123	3%	181	4%	264	6%	2722	62%
30																

4422 1921 43% 184 4% 49 1% 123 3% 181 4% 264 6% 2722 62%